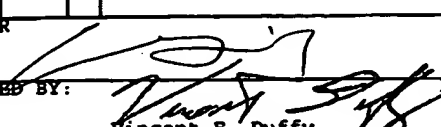


U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				ATTY. DOCKET NO.		SERIAL NO.			
INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97 (Use several sheets if necessary)				RCA 90,045					
				APPLICANTS					
				Belotserkovsky, et al.					
				FILING DATE Herewith		GROUP			
U.S. PATENT DOCUMENTS									
EXAMINE INITIAL		DOCUMENT NUMBER	ISSUE DATE	APPLICANT/PATENTEE	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE		
EF	AA	4,635,276	01/06/87	Karabinis	375	15			
EB	AB	5,159,565	10/27/92	Bune	364	724.16			
EB	AC	5,222,101	06/22/93	Ariyavisitakul, et al.	375	13			
EB	AD	5,297,165	03/22/94	Ueda, et al.	375	12			
EB	AE	5,351,134	09/27/94	Yaguchi, et al.	358	435			
EB	AF	5,414,732	05/09/95	Kaufmann	375	232			
EB	AG	5,475,710	12/12/95	Ishizu, et al.	375	232			
EB	AH	5,602,602	02/11/97	Hulyalkar	348	607			
EB	AI	5,787,118	07/28/98	Ueda	375	232			
EB	AJ	5,841,484	11/24/98	Hulyalkar, et al.	348	607			
EB	AK	5,956,624	09/21/99	Hunsinger et al.	455	65			
FOREIGN PATENT DOCUMENTS									
		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION Yes No		
	AL								
	AM								
	AN								
	AO								
	AP								
	AQ								
OTHER INFORMATION (Including Author, Title, Pub.Date, Pertinent Pages, Country, Etc.)									
EB	AR	B.P. Lathi, "Modern Digital and Analog Communication Systems," pp 163, 168, 206, 1983							
EB	AS	J.A. Bingham, "Multicarrier Modulation for Data Transmission: An Idea Whose Time Has Come," IEEE Communications Magazine, Vol. 28. No.5, pp. 5-14, May 1990.							
EB	AT	J.M. Cioffi, "A Multicarrier Primer," in ANSI T1E1.4 Committee Contribution, No. 91-157, Boca Raton, FL, Nov. 1991.							
EXAMINER				DATE CONSIDERED					
				5.9.05					
SUBMITTED BY:				REG. NO.:		DATE:			
Vincent E. Duffy				39,964		9/18/01			

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EF	BA	6,014,407	01/11/00	Hunsigner, et al.	375	206	
EF	BB	6,034,564	03/07/00	Iwamatsu	329	306	
GF	BC	6,144,708	11/07/00	Maruyama	375	327	
EF	BD	6,167,082	12/26/00	Ling, et al.	375	233	
GF	BE	6,175,591 B1	01/16/01	Iwamatsu	375	232	
GF	BF	6,181,714 B1	01/30/01	Isaksson, et al.	370	491	
EF	BG	6,188,722 B1	02/13/01	Velez, et al.			
	BH						
	BI						
	BJ						
	BK						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION Yes No
	BL						
	BM						
	BN						
	BO						
	BP						
	BQ						
OTHER INFORMATION (Including Author, Title, Pub.Date, Pertinent Pages, Country, Etc.)							
GF	BR	Simon Haykin, "Adaptive Equalization," Communication Systems, 3 rd Edition, John Wiley & Sons, pp. 452-458, New York, 1994.					
GF	BS	"Broadband Radio Access Networks (BRAN); HIPERLAN Type 2 Functional Specification, Part 1 - Physical (PHY) layer," European Telecommunications Standards Institute, Vol. J, Sep. 1999.					
GF	BT	DRAFT Supplement to STANDARD [for] Information Technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific Requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications: High Speed Physical Layer in the 5 GHz Band, IEEE P82.11a/D7.0, (Supplement to IEEE Std 802.11-1999)					
EXAMINER:				DATE CONSIDERED:			
SUBMITTED BY:				DATE:			
Vincent E. Duffy				39,964			
				6.9.05			
				2/18/01			

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	CA						
	CB						
	CC						
	CD						
	CE						
	CF						
	CG						
	CH						
	CI						
	CJ						
	CK						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION Yes No
		CL					
		CM					
		CN					
		CO					
		CP					
		CQ					
OTHER INFORMATION (Including Author, Title, Pub.Date, Pertinent Pages, Country, Etc.)							
6R	CR	http://www.seas.ucla.edu/~langit/slicer.m,pp.1 , 07/19/01					
6F	CS	Gregory T. Uehara, Caesar S.H. Wong, Jacques C. Rudell, and Paul R. Gray, A 50MHz 70mW 8-Tap Adaptive Equalizer/Viterbi, Sequence Detector in 1.2µm CMOS, Electronics Research Laboratory, Department of Electrical Engineering & Computer Sciences, University of California, http://kabuki.eecs.berkeley.edu/~7Ejrudell/papers/CICC/ pp. 1-11, Berkeley CA, 07/19/01					
6F	CT	Caesar S.H. Wong, Jacques C. Rudell, Gregory T. Uehara, and Paul R. Gray, A 50MHz 70mW 8-Tap Adaptive Equalizer for Partial Response Channels, Department of Electrical Engineering and Computer Sciences, University of California, http://kabuki.eecs.berkeley.edu/~7Ejrudell/papers/jssc/ , pp.1-19, Berkeley, CA, 07/19/01.					
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